

OPTICAL DISK RECORDING/REPRODUCING APPARATUS AND OPTICAL DISK RECORDING/REPRODUCING METHOD

ABSTRACT OF THE DISCLOSURE

The present invention shortens a time to be elapsed from a recording interruption to a recording restart, thereby realizing a reliable recording restart. In one embodiment, an optical disk apparatus comprises an optical pickup and a processor, which includes a reproduction system circuit, a speed information detection circuit, and a position detection circuit. The reproduction system circuit is configured to generate a reproduction signal used in restarting recording of the optical disk after an interruption, based on the electrical signal from the optical pickup and setting values. The speed information detection circuit is configured to detect speed information before or after an interruption of a recording on the optical disk based on the electrical signal from the optical pickup. The position detection unit is configured to detect a recording restart position and a current position of the optical disk. An accessing unit is configured to control the optical pickup to access the optical disk at the recording restart position from the current position of the optical disk. A setting unit is configured to set in the reproduction system circuit setting values based on the detected speed information. The setting values are used by the reproduction system circuit to generate the reproduction signal.

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